

CLAIMS

What is claimed is:

1. A composition comprising one or more oligo alkylene glycols and/ or their mono alkyl ethers, in combination with one or more, optionally (partially) neutralized, nonvolatile di / oligoamines, corresponding to formulas A and B, respectively:

Formula A



wherein each R is independently hydrogen, or a monovalent, saturated one to six carbon hydrocarbyl ligand or a phenyl group, each R' is independently chosen from among divalent saturated two to six carbon hydrocarbyl ligands each A is a mono valent ligand chosen from among hydrogen or a 2 to four carbon hydroxy acyl group, and x is an integer from 3 to 20:

Formula B



wherein R₁, R₂, R₄ are each independently hydrogen, methyl, ethyl, isopropyl, propyl, 2-hydroxyethyl or 2- or 3- hydroxypropyl ligands, and each R₃, and each R₅ are independently two to 12 carbon divalent saturated hydrocarbyl or ether ligands, and y is an integer from 0 to 5, inclusive.

2. The composition according to Claim 1, wherein the degree of neutralization (pH) has been adjusted such that dilution with from one to 10 volumes of water per volume of composition of claim 1 produces a mixture having a pH in the range of 6 to 8.
3. The composition according to Claim 1 further comprising a neutralizing agent that is a di or polybasic acid.

4. The composition according to Claim 2 further comprising a neutralizing agent that is a di or polybasic acid.
5. The composition of any of Claims 1-4, further comprising defoamers, water, wetting agents, or a combination thereof.
6. The composition of any of Claims 1-4, wherein the oligo alkylene glycols and their mono alkyl ethers are essentially nonvolatile.
7. A method of removing polymeric organic coatings such as waxes, printing inks, and / or paints from solid substrates, comprising application to the coating of a composition according to any of claims 1-6.
8. A method of removing waxes, printing inks, and / or paints from solid substrates, comprising application to the coating of a composition according to any of claims 1-6.
9. A method for removing a coating from a solid substance comprising applying the composition of any of claims 1-6 to the solid substance.
10. The method of Claim 9, wherein the coating to be removed is a wax.
11. The method of Claim 9, wherein the coating to be removed is an ink.
12. The method of Claim 9, wherein the coating to be removed is a paint.
13. A method for producing a composition according to Claim 1, comprising combining with one or more oligo alkylene glycols and/ or their mono alkyl ethers, and or ether hydroxy esters in combination with one or more, (optionally partially) neutralized, nonvolatile di / oligoamines, corresponding to formulas A and B, respectively, as defined in Claim 1.

14. A method of producing a composition according to Claim 13, further comprising combining with one or more wax stripper additives, one or more ink stripper additives, or one or more paint stripper additives.

15. A composition of matter according to Claim 1, comprising one or more oligo alkylene glycols and/ or their mono alkyl ethers, and or ether hydroxy esters specifically delineated herein, in combination with one or more, (optionally partially) neutralized, nonvolatile di / oligoamines, specifically delineated herein, corresponding to formulas A and B, respectively, as defined in Claim 1.

16. A composition of matter as in Claim 1, further comprising one or more di or polybasic acids specifically delineated herein.

17. A composition made by the process of combining with one or more oligo alkylene glycols and/ or their mono alkyl ethers, and or ether esters in combination with one or more, optionally neutralized, nonvolatile di / oligoamines, corresponding to formulas A and B, respectively:

Formula A



wherein each R is independently hydrogen, or a monovalent, saturated one to six carbon hydrocarbyl ligand or a phenyl group, each R' is independently chosen from among divalent saturated two to six carbon hydrocarbyl ligands, each A is a mono valent ligand chosen from among hydrogen or a 2 to four carbon hydroxy acyl group, and x is an integer from 3 to 20:

Formula B



wherein R₁, R₂, R₄ are each independently hydrogen, methyl, ethyl, isopropyl, propyl, 2-hydroxyethyl or 2- or 3- hydroxypropyl ligands, and each R₃, and each R₅ are independently

two to 12 carbon divalent saturated hydrocarbyl or ether ligands, and y is an integer from 0 to 5, inclusive.

18. The composition of claim 17, further comprising combining with one or more di or polybasic acids.

19. The composition of claim 17 or 18, further comprising combining with one or more wax stripper additives, one or more ink stripper additives, or one or more paint stripper additives.

20. The composition of any of claims 17-19, further comprising combining with defoamers, water, wetting agents, or a combination thereof.